

```

\name{getSteadyState}
\alias{getSteadyState}
%- Also NEED an `alias' for EACH other topic documented here.
\title{ ~~function to do ... ~~ }
\description{
    ~~ A concise (1-5 lines) description of what the function does. ~~
}
\usage{
getSteadyState(mod, MinTime, NSteps, Delta, Incr, abstol = 1e-10, control = list(), ...)
}
%- maybe also 'usage' for other objects documented here.
\arguments{
\item{mod}{ ~~Describe \code{mod} here~~ }
\item{MinTime}{ ~~Describe \code{MinTime} here~~ }
\item{NSteps}{ ~~Describe \code{NSteps} here~~ }
\item{Delta}{ ~~Describe \code{Delta} here~~ }
\item{Incr}{ ~~Describe \code{Incr} here~~ }
\item{abstol}{ ~~Describe \code{abstol} here~~ }
\item{control}{ ~~Describe \code{control} here~~ }
\item{dots}{ ~~Describe \code{dots} here~~ }
}
\details{
    ~~ If necessary, more details than the __description__ above ~~
}
\value{
    ~Describe the value returned
    If it is a LIST, use
\item{comp1 }{Description of `comp1'}
\item{comp2 }{Description of `comp2'}
...
}
\references{ ~put references to the literature/web site here ~ }
\author{ ~~who you are~~ }
\note{ ~~further notes~~ }

~Make other sections like Warning with \section{Warning }{....} ~

\seealso{ ~~objects to See Also as \code{\link{~~fun~~}}, ~~ }

\examples{
##### Should be DIRECTLY executable !! ----
### ==> Define data, use random,
###      or do help(data=index) for the standard data sets.

## The function is currently defined as
function(mod, MinTime, NSteps, Delta, Incr, abstol=1e-10,
         control=list(), ...)
{
    ## First, run the model out until MinTime
    times <- sort(unique(c(seq(0, MinTime, length=NSteps), MinTime-Delta)))
    out <- runModel(mod, times, control=control, ...)
    ## Next, run the model one more step of size Delta
    Llim <- 0
    Ulim <- max(times)
    ## Increase the limit by Incr*Delta each time
    while (err <- max(abs(out$result[nrow(out$result)-1,mod$StateNames] -

```

```
        out$result[nrow(out$result),mod$StateNames]) >
abstol)
{
  Llim <- Ulim
  Ulim <- Llim + Incr*Delta
  out <- runModel(out, seq(Llim, Ulim, length=(Incr+1)))
}
out$result[nrow(out$result),-1]
}
\keyword{~kwd1 }% at least one, from doc/KEYWORDS
\keyword{~kwd2 }% ONLY ONE keyword per line
```